

Title (en)  
REFLECTIVE NANOFIBER LIGHTING DEVICES

Title (de)  
BELEUCHTUNGSVORRICHTUNGEN MIT REFLEKTIERENDEN NANOFASERN

Title (fr)  
DISPOSITIFS D'ÉCLAIRAGE À NANOFIBRES RÉFLÉCHISSANTS

Publication  
**EP 2507052 A4 20130529 (EN)**

Application  
**EP 10834940 A 20101117**

Priority  
• US 26632309 P 20091203  
• US 2010057007 W 20101117

Abstract (en)  
[origin: WO2011068682A1] A fiber-based reflective lighting device and a lighting device. The fiber-based reflective lighting device includes a source configured to generate a primary light, a mat of reflective fibers which diffusely reflects light upon illumination with at least the primary light, and a light exit configured to emanate the reflected light. The lighting device includes a housing, a source configured to generate primary light and direct the primary light into the housing, a reflective mat of fibers disposed inside the housing at a position to reflect the primary light, and a light exit in the housing configured to emanate the reflected light from the housing.

IPC 8 full level  
**B32B 5/02** (2006.01); **F21K 99/00** (2010.01); **G02B 5/02** (2006.01)

CPC (source: EP KR US)  
**B32B 5/02** (2013.01 - KR); **B82Y 20/00** (2013.01 - EP US); **G02B 6/0001** (2013.01 - KR); **G02B 6/0041** (2013.01 - EP US)

Citation (search report)  
• [A] US 2009103293 A1 20090423 - HARBERS GERARD [US], et al  
• [A] US 2009103296 A1 20090423 - HARBERS GERARD [US], et al  
• [A] DE 102007037875 A1 20090212 - OSRAM GMBH [DE]  
• [A] US 2006072314 A1 20060406 - RAINS JACK C [US]  
• [A] WO 2008058168 A2 20080515 - LED LIGHTING FIXTURES INC [US], et al  
• [A] WO 9926091 A1 19990527 - GORE ENTERPRISE HOLDINGS INC [US]  
• See references of WO 2011068682A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**US 2010057007 W 20101117**; AU 2010326283 A 20101117; CN 201080060969 A 20101117; EP 10834940 A 20101117; JP 2012542071 A 20101117; KR 20127016805 A 20101117; US 201013513433 A 20101117